

CMIP3C42NW-28MDA / CMIP3C42NW-MDA

4 MP Full-Color Fixed Turret Network Camera



Full color technology provides vivid, colorful images 24/7 with advanced lenses and high performance sensors. The F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology vastly improves the utilization of available light.

- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight thanks to 130 dB WDR technology
- Built-in microphone for real-time audio security
- Focus on human and vehicle target classification based on deep learning
- Colorful imaging 24/7
- Water and dust resistant (IP67)

Specifications

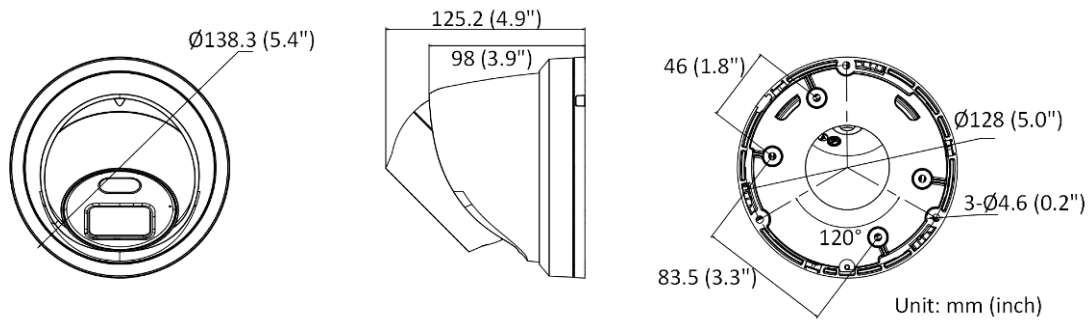
Camera	
Image Sensor	1/3"Progressive Scan CMOS
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with white light
Shutter Speed	1/3 sec. to 1/100,000 sec.
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	130 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 mm; 4 mm optional
Iris Type	Fixed
Lens Type & FOV	2.8 mm, horizontal 102°, vertical 54°, diagonal 121°4 mm, horizontal 80°, vertical 43°, diagonal 95°
Depth of Focus	2.8 mm: 2.5 m to ∞ 4 mm: 3.5 m to ∞
Aperture	F1.0
Lens Mount	M12
Detection, Observation, Recognition, Identification	
DORI	2.8 mm, D: 220 ft (67 m), O: 85 ft (26 m), R: 42 ft (13 m), I: 20 ft (6 m) 4 mm, D: 270 ft (82 m), O: 105 ft (32 m), R: 54 ft (16 m), I: 26 ft (8 m)
Illuminator	
Supplemental Light Type	Visible, white
White Light Range	98 ft (30 m)
Smart Supplemental Lighting	Yes
Video	
Max. Resolution	2688 × 1520
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings.
Video Compressions	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264 *Third stream is supported under certain settings.
Video Bit Rates	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile / Main Profile / High Profile
H.265 Type	Main Profile
H.264+	Main Stream supported
H.265+	Main stream supported
Bit Rate Control	CBR / VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding

Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate (kHz)	8 / 16 / 32 / 44.1 / 48
Audio Compression	G.711 ulaw / G.711 alaw / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC
Audio Bit Rates	64 Kbps (G.711 ulaw / G.711 alaw) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 32 to 192 Kbps (MP2L2) / 8 to 320 Kbps (MP3) / 16 to 64 Kbps (AAC)
Network	
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
Network Storage	MicroSD / SDHC / SDXC cards (256 GB) for local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Imaging	
SNR	≥ 52 dB
Day / Night Switch	Auto, schedules
Image Enhancement	BLC, HLC, 3D DNR
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
Interface	
Built-in Microphone	Yes
On-board Storage	Built-in MicroSD / SDHC / SDXC slot, up to 256 GB
Hardware Reset	Yes
Communication Interface	1 x RJ45 10/100 Mbps self-adaptive Ethernet port
Event Types	
Basic Events	Motion detection (human and vehicle targets classification), video tampering alarm, exception
Smart Events	Scene change detection
Deep Learning Function	
Face Capture	Yes
Perimeter Protections	Line crossing, intrusion, region entrance, and region exiting detections
General	
Linkage Method	Upload to NAS / memory card / FTP, notify surveillance center, trigger recording, trigger capture, send email

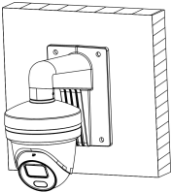
Web Client Languages (33)	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Functions	Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter
Software Reset	Yes
Storage Conditions	-22° to 140° F (-30° to 60° C); Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-22° to 140° F (-30° C to 60° C); Humidity 95% or less (non-condensing)
Power Supply	12 VDC $\pm$ 25%, reverse polarity protection PoE: 802.3af, Class 3
Power Consumption and Current	12 VDC, 0.55 A, max. 6.6 W PoE (802.3af, 36 V to 57 V), 0.22 A to 0.13 A, max. 7.6 W
Power Interface	Ø 5.5 mm coaxial power plug
Materials	Aluminum alloy body, except for trim ring
Screw Material	SUS304
Camera Dimensions	Ø 5.4 × 4.9 in. (Ø 138.3 × 125.2 mm)
Package Dimensions	7 × 7 × 5.9 in. (170 × 170 × 150 mm)
Camera Weight	Approx. 1.7 lbs (750 g)
Package Weight	Approx. 2.3 lbs (1,055 g)
Certifications	
EMC	FCC SDoC (47 CFR Part 15, Subpart B) CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014);
Safety	CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);
Environmental	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protections	IP67 (IEC 60529-2013)



Dimensions



Accessories (Optional)

LTB342-140B Wall Mount	LTB342-140 Wall Mount	LTB378 Vertical Pole Mount	LTB701-A Junction Box	LTB379 Corner Mount
				
				
LTB341 Pendant Mount				
				
